Lesson 77

Concepts:
  Powers of ten, rounding decimals, repeating decimals, square roots, addition, place value

Objectives:
  1. The student will be able to move the decimal point to the right or left when asked to multiply or divide by powers of ten.
  2. The student will be able to change a fraction to a decimal and round to the nearest tenth.
  3. The student will be able to change a fraction to a decimal and write the decimal as a repeating decimal or round it to the tenths.
  4. The student will be able to find the square root of perfect squares.
  5. The student will be able to add two three digit numbers
  6. The student will be able to demonstrate knowledge of place value by completing a table.

Teaching Tips:

Materials, Supplies, and Equipment:
  1. One calculator per student
  2. Worksheet 40

Activities:
  1. Begin this lesson with a calculator activity. Have the students punch in the number 34.98. Complete the following operations on this number.
     a. multiply times 10 (349.8)
     b. multiply times 100 (3498)
     c. multiply times 1,000 (34,980)
     d. divide by 10 (3.498)
     e. divide by 100 (0.3498)
     f. divide by 1000 (0.03498)

  2. Read Lesson 77-A Explanation with the students. Have them circle the decimal point in each column so they can visually see that it moves one place to the left or right depending upon the operation.
  3. The students will be able to complete Lesson 77-A Practice independently.

Therefore, laying aside falsehood, speak truth, each one of you, with his neighbor, for we are members of one another.
Ephesians 4:25